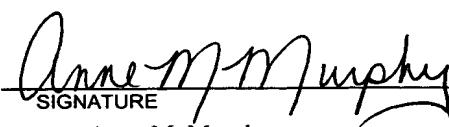


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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 12152.125USWO U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107518142
INTERNATIONAL APPLICATION NO. PCT/US03/19141	INTERNATIONAL FILING DATE 17 June 2003 (17.06.2003)	PRIORITY DATE CLAIMED 17 June 2002 (17.06.2002)
TITLE OF INVENTION POKEWEED ANTIVIRAL PROTEIN POLYPEPTIDES WITH ANTIVIRAL ACTIVITY		
APPLICANT(S) FOR DO/EO/US UCKUN, Fatih M. and RAJAMOHAN, Francis		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A preliminary amendment. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Other items or information: 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.6)		INTERNATIONAL APPLICATION NO. PCT/US03/19141		ATTORNEY'S DOCKET NUMBER 12152.125USWO																	
21. The following fees are submitted: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td style="width: 40%; text-align: right;">\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td style="text-align: right;">\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee.....</td> <td style="text-align: right;">\$500.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="2" style="text-align: right;">\$1000.00</td> </tr> </table>						<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00	<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00	<input checked="" type="checkbox"/> c) Search fee.....	\$500.00	TOTAL OF ABOVE CALCULATIONS =		\$1000.00							
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Total Sheets</td> <td style="width: 25%;">Extra sheets</td> <td style="width: 50%;">Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td style="width: 25%;">RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td style="text-align: right;">x \$250.00</td> </tr> </table>						Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250.00								
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- 100 =	/50 =		x \$250.00																		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">CLAIMS</td> <td style="width: 25%;">NUMBER FILED</td> <td style="width: 25%;">NUMBER EXTRA</td> <td style="width: 25%;">RATE</td> </tr> <tr> <td>Total claims</td> <td>38</td> <td>- 20 = 18</td> <td style="text-align: right;">x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>3</td> <td>- 3 = 0</td> <td style="text-align: right;">x \$200.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$ 1900.00</td> </tr> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	38	- 20 = 18	x \$50.00	Independent claims	3	- 3 = 0	x \$200.00	TOTAL OF ABOVE CALCULATIONS =			\$ 1900.00
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TOTAL OF ABOVE CALCULATIONS =			\$ 1900.00																		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">SUBTOTAL =</td> <td style="width: 75%; text-align: right;">\$ 950.00</td> </tr> </table>						SUBTOTAL =	\$ 950.00														
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Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">TOTAL NATIONAL FEE =</td> <td style="width: 75%; text-align: right;">\$ 950.00</td> </tr> </table>						TOTAL NATIONAL FEE =	\$ 950.00														
TOTAL NATIONAL FEE =	\$ 950.00																				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">TOTAL FEES ENCLOSED =</td> <td style="width: 75%; text-align: right;">\$ 950.00</td> </tr> </table>						TOTAL FEES ENCLOSED =	\$ 950.00														
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Amount to be refunded: Amount to be charged <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: right;">\$</td> <td style="width: 75%;"></td> </tr> <tr> <td style="text-align: right;">\$</td> <td></td> </tr> </table>						\$		\$													
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a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 13-2725 in the amount of \$ 950.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2725 A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																					
SEND ALL CORRESPONDENCE TO: MERCHANT & GOULD P.C. P.O. Box 2903 Minneapolis, Minnesota 55402-0903 United States of America																					
 SIGNATURE Anne M. Murphy																					
NAME 54,327																					
REGISTRATION NUMBER																					

10/518142

DT12 Rec'd PCT/PTO 17 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: UCKUN, et al.
Docket: 12152.125USWO
Title: POKEWEED ANTIVIRAL PROTEIN POLYPEPTIDES WITH ANTIVIRAL ACTIVITY

CERTIFICATE UNDER 37 CFR 1.10
'Express Mail' mailing label number: EV 495867681 US
Date of Deposit: December 17, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: *[Signature]*
Name: *[Signature]*

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 50 pgs; 34 claims; Abstract 1 pgs.
- 7 sheets of formal drawings
- An unsigned Combined Declaration and Power of Attorney
- 2 unsigned Declarations for Change of Inventorship
- Form PTO-1390
- Preliminary Amendment (7 pages)
- A check for \$130.00 to cover the fee set forth under 37 CFR 1.497(d)(2)
- Application Data Sheet, 3 pages.
- Return postcard

Please charge the filing fees of \$950.00 and any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
(612) 332-5300

By: *Anne M. Murphy*
Name: Anne M. Murphy
Reg. No.: 54,327
Initials: AMM

23552

PATENT TRADEMARK OFFICE